



09/100 633

CJC

PTO/SB/21 (09-04)

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/100,633	6,818,411
Filing Date	June 19, 1998	
First Named Inventor	Hutchens, T. William et al.	
Art Unit	1639	
Examiner Name	Teresa D. Wessendorf	
Attorney Docket Number	016866-002200US	

Total Number of Pages in This Submission	9
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ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard; Request For Certificate of Correction; Certificate of Correction; and Copy of Fax Cover Sheet and Amendment After Allowance - 5 sheets.
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Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
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Certificate of Correction
DEC 15 2005

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Jennifer L. Wahlsten		
Date	December 8, 2005	Reg. No.	46,226

CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Brenda J. Dolly	Date	Dec. 8, 2005



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PATENT
Attorney Docket No. 016866-002200US

On Dec. 8, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Brenda J. Dolly
Brenda J. Dolly

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HUTCHENS and YIP

Patent No.: 6,818,411

Application No.: 09/100,633

Issued: November 16, 2004

For: USE OF RETENTATE
CHROMATOGRAPHY TO GENERATE
DIFFERENCE MAPS

Examiner: Teresa Wessendorf

Art Unit: 1639

REQUEST FOR CERTIFICATE OF
CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

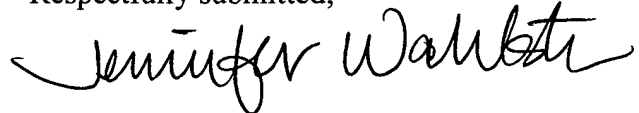
Sir:

Pursuant to 37 CFR § 1.322, Applicants submit a Certificate of Correction canceling claims 12 and 13 of the issued patent. No fee is required for this Certificate, because the error was made by the United States Patent Office. As shown in Exhibit A, Applicants submitted an amendment under 37 CFR § 1.312(a) on September 20, 2004. This amendment was received by the United States Patent Office. The desired correction is set forth on enclosed Form PTO/SB/44.

DEC 19 2005

If any additional information is required or if there are any questions, please do not hesitate to contact the undersigned at (415) 576-0200.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Jennifer Wahlsten". The signature is fluid and cursive, with the first name "Jennifer" written in a larger, more prominent script than the last name "Wahlsten".

Jennifer L. Wahlsten
Reg. No. 46,226

TOWNSEND and TOWNSEND and CREW LLP
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JLW/jlw
60649766 v1

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 6,818,411

APPLICATION NO.: 09/100,633

ISSUE DATE : November 16, 2004

INVENTOR(S) : Hutchens; T. William (Los Altos, CA); Yip; Tai-Tung (Cupertino, CA)

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claims 12 and 13 are canceled.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DEC 19 2005

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To: PTO	At Fax Number: 703-872-9306	Confirmation Phone Number:
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60311737 v1

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On 9-20-04

TOWNSEND and TOWNSEND and CREW LLP

By: Linda Sheffer

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

T. William Hutchens *et al.*

Application No.: 09/100,633

Filed: June 19, 1998

For: RETENTATE
CHROMATOGRAPHY AND PROTEIN
CHIP ARRAYS WITH APPLICATIONS
IN BIOLOGY AND MEDICINE

Customer No.: 20350

Confirmation No. 8772

Examiner: Teresa D. Wessendorf

Technology Center/Art Unit: 1639

AMENDMENT AFTER ALLOWANCE
UNDER 37 CFR § 1.312(a)

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Notice of Allowance mailed February 12, 2004, please amend
the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on
page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

Appl. No. 09/100,633
Amdt. dated September 20, 2004
Response to Notice of Allowance February 12, 2004

PATENT

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1-78 (canceled)

1 Claim 79 (previously presented): The method of Claim 91 wherein the receptor
2 is bound to the substrate.

1 Claim 80 (previously presented): The method of Claim 91 wherein the ligand is
2 bound to the substrate.

1 Claim 81 (previously presented): The method of Claim 91 wherein the receptor
2 is a cell surface receptor.

1 Claim 82 (previously presented): The method of Claim 91 wherein the receptor
2 is an intracellular receptor.

1 Claim 83 (previously presented): The method of Claim 91 wherein the receptor
2 is a hormone receptor.

1 Claim 84 (previously presented): The method of Claim 79 wherein the receptor
2 is comprised within a cell membrane.

1 Claim 85 (previously presented): The method of Claim 91 wherein the receptor
2 or the ligand docked to the substrate is docked to the substrate through a linker.

Claim 86-88 (canceled)

1 Claim 89 (previously presented): The method of Claim 91 wherein the agent is a
2 small organic molecule having a size up to about 5000 daltons.

Appl. No. 09/100,633
Amdt. dated September 20, 2004
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PATENT

Claim 90 (canceled)

1 Claim 91 (previously presented): A method for determining whether an agent
2 modulates binding between a receptor/ligand pair that specifically bind to each other, the method
3 comprising the steps of:

4 a) providing a mass spectrometry probe, the probe comprising a substrate having
5 a surface and a receptor or ligand of said receptor/ligand pair docked to a surface of the substrate
6 through an adsorbent;

7 b) exposing the receptor or the ligand docked to the substrate to its binding
8 partner and to said agent under an elution conditions that allows for binding between the receptor
9 and the ligand;

10 c) removing unbound binding partner from the surface of the substrate;

11 d) measuring the amount of binding partner retained on the docked receptor or
12 ligand in the presence and absence of the agent by laser desorption mass spectrometry of any
13 retained binding partner from the surface of the substrate; and

14 e) determining whether the agent modulates binding by comparing the measured
15 amount of binding between the receptor and the ligand in the presence and absence of the agent
16 whereby a difference between the measured amount of binding between the receptor and ligand
17 in the presence and absence of the agent indicates that the agent modulates binding between the
18 receptor/ligand pair.

Claim 92-94 (canceled)

1 Claim 95 (previously presented): The method of Claim 85, wherein the linker is
2 a bifunctional linker.

1 Claim 96 (previously presented): The method of Claim 91 wherein said agent
2 inhibits binding between said receptor/ligand pair.

Claims 97-98 (canceled)

Appl. No. 09/100,633
Amdt. dated September 20, 2004
Response to Notice of Allowance February 12, 2004

PATENT

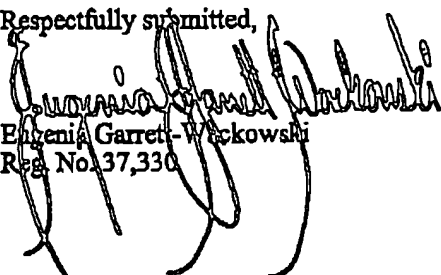
REMARKS/ARGUMENTS

Claims 79-85, 89, 91 and 95-98 are currently pending and stand allowed. By this amendment, Applicants are now electing to cancel claims 97 and 98 without prejudice to further prosecution in a related case.

CONCLUSION

Entry of this amendment is respectfully urged as it is not believed to touch the merits of the application.

Respectfully submitted,


Eugenia Garrett-Wickowski
Reg. No. 37,330

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